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Contact pressure; Li-ion cell electrode layers; Temperature and pressure measurement; Electrode stack packaging; Separator hot-spot; Battery thermal design data (Ponnappan, R. (129) 7)

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Lead-acid batteries; Failure modes; Sulfation; Hydration; Passivation; Stratification (Catherino, H.A. (129) 113)

Thin film

Li-ion rechargeable battery; Anode; Silicon; Micro battery (Lee, K.-L. (129) 270)

Titanium dioxide

LiNi<sub>0.8</sub>Co<sub>0.2</sub>O<sub>2</sub>; Surface coating; Lithium ion batteries (Zhang, Z.R. (129) 101)

Transient stability

Distributed generation; Power system dynamic stability; Solid oxide fuel cell (SOFC) (Jurado, F. (129) 170)

Transport power sources

Hydrogen economy; Stationary power sources; Reserves of hydrogen (Ramírez-Salgado, J. (129) 255)

#### Tribasic lead sulfate

Soaking; Lead acid battery; Tetrabasic lead sulfate; Crystal dimensions; X-ray diffraction (Borges, L.E.P. (129) 343)

## Ultrahigh capacity anode

Li-ion batteries; Si film; Vacuum deposition; Surface roughening of substrate (Takamura, T. (129) 96)

#### Ultraviolet irradiation

Nanocomposite; Lithium battery; Sol-gel; Poly(ethylene oxide); Solid polymer electrolyte (Liu, Y. (129) 303)

## Vacuum deposition

Li-ion batteries; Ultrahigh capacity anode; Si film; Surface roughening of substrate (Takamura, T. (129) 96)

## Water electrolyzer

Polymer electrolyte membrane; Fuel cell vehicles; Load leveling (Oi, T. (129) 229)

#### Water gas shift reaction

CO selective oxidation; PROX; Fuel processor; Fuel cell; Hydrogen (Choi, Y. (129) 246)

#### Water management

Fuel cell; Neutron; Radiography; Imaging (Satija, R. (129) 238)

## X-ray diffraction

Soaking; Lead acid battery; Tetrabasic lead sulfate; Tribasic lead sulfate; Crystal dimensions (Borges, L.E.P. (129) 343)